

NEW PUBLICATIONS

Two CD-ROM Publications—**FASTLite** and **BRFL Publications, 1995**

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The Fire Safety Engineering Division (FSED) of the Building and Fire Research Laboratory/National Institute of Standards and Technology (BRFL/NIST) has introduced two new CD-ROM publications this year, **FASTLite** and **BRFL Publications, 1995**, and a new Web site, "Fire on the Web."

FASTLite

FASTLite is a collection of procedures that builds on earlier fire safety engineering models (such as FIREFORM and FPETool) to provide engineering calculations of fire phenomena, including quantitative estimates of some of the likely consequences of a fire. **FASTLite** is easy to use to estimate the environment that develops during a fire. Its underlying algorithms have been subjected to verification tests to assure the accuracy of calculations.

FASTLite includes a number of tools of use to the fire safety practitioner: a three-room fire model and calculation for egress time, heat and smoke detector activation, suppression by sprinklers, atrium room temperatures, lateral flame spread, mass flow through a vent, radiant ignition of a nearby fuel, ceiling jet temperature, and plume filling rate.

Fire on the Web (<http://www.bfrl.nist.gov/fire.html>) is a companion to the **FASTLite** software. The site provides still pictures, videos, and heat release data collected from full-scale fire tests of fuel packages found in residential and commercial buildings. Data from the Web site can be downloaded and used directly with the **FASTLite** software. By providing individualized data to the **FASTLite** program, one can get a good idea of what will happen once a fire starts in an office or dwelling. The **FASTLite** software itself can be downloaded from the "Fire on the Web" site. To obtain a copy of the software and related data files on a CD-ROM, contact Wanda Duffin at wanda.duffin@nist.gov or send a fax to (301) 975-4052.

BRFL Publications, 1995

BRFL Publications, 1995, a set of two CD-ROMs now available from the Building and Fire Research Laboratory, contain the complete text for more than

200 publications and more than 11,000 pages of published fire and building research results for the calendar year 1995.

Volume One consists of the publications of the building staff, building grantee reports, and the Adobe Acrobat Reader setup programs for Windows, MAC, UNIX, and DOS. Volume Two has the publications of the fire staff and the fire grantee reports. These publications are indexed by author, key words, and NIST document number. The full texts and graphics of the publications, as well as abstracts and a bibliography of the papers, can be viewed, searched, and printed.

To obtain a CD-ROM or further information on *BFRL Publications, 1995*, contact Phyllis Martin at phyllis.martin@nist.gov or send a fax to (301) 975-4052.